DECLASSIFIED
CONFIDENTIAL

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

NOVEMBER, 1942

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STATISTICS DIVISION

NOVEMBER 1942
METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	61.1	61.3	62.0	61.5	24.5	17.3	22.1	23.9	17.3	21.1
2	1.9	0.9	1.4	1.4	22.9	18.2	21.5	22.6	18.8	21.0
3	2.6	2.0	2.8	2.5	23.5	17.8	21.1	22.7	19.4	21.1
4	3.1	1.6	1.9	2.3	23.3	17.3	21.2	22.8	20.5	21.5
5	2.0	0.8	1.6	1.5	23.4	18.4	21.1	22.5	20.0	21.2
6	61.2	60.4	61.0	60.9	24.4	19.9	21.6	24.0	21.3	22.3
7	1.1	59.2	59.3	59.9	25.0	19.4	22.3	24.0	20.9	22.4
8	58.8	8.4	9.2	8.8	22.7	17.1	21.0	22.7	19.6	21.1
9	60.5	9.9	61.4	60.0	23.0	17.4	20.6	21.6	17.4	19.9
10	3.7	63.3	4.2	3.7	22.7	17.8	19.8	21.2	18.5	19.8
11	65.2	63.9	64.6	64.6	22.8	17.4	20.4	21.7	19.2	20.4
12	4.1	3.2	4.1	3.8	22.6	17.3	20.2	20.8	19.9	20.3
13	3.3	2.0	2.0	2.4	22.1	18.3	20.7	21.2	20.4	20.8
14	2.0	0.4	1.0	1.1	22.8	17.4	20.4	21.8	20.2	20.8
15	0.7	0.8	1.0	0.8	22.9	15.5	19.7	20.6	17.7	19.3
16	60.6	58.9	59.1	59.5	20.9	14.2	18.7	17.1	17.8	17.9
17	56.9	5.3	7.7	6.6	18.9	15.0	16.2	16.1	15.0	15.8
18	60.4	60.1	62.0	60.8	21.6	17.6	18.2	20.1	17.6	18.6
19	57.1	55.8	54.5	55.8	26.1	19.4	23.6	24.4	20.9	23.0
20	3.8	5.4	6.8	5.3	21.3	14.7	21.1	16.4	17.8	18.4
21	58.8	59.4	61.6	59.9	18.4	14.6	17.9	17.2	16.8	17.3
22	62.9	63.0	4.2	63.4	18.6	12.4	15.2	17.6	17.2	16.7
23	4.9	4.7	6.0	5.2	19.0	15.6	15.6	18.3	15.9	16.6
24	6.8	4.7	4.0	5.2	19.5	16.7	16.7	18.8	17.8	17.8
25	3.1	1.9	2.9	2.6	22.5	17.8	18.9	21.7	18.9	19.8
26	63.7	63.3	64.1	63.7	21.6	15.6	19.3	19.6	16.7	18.5
27	4.1	3.1	4.2	3.8	20.4	15.1	17.8	19.4	16.9	18.0
28	5.3	3.4	3.2	4.0	20.2	16.7	17.1	19.1	17.4	17.9
29	1.7	0.3	1.4	1.1	22.2	16.8	19.0	20.4	18.3	19.2
30	3.0	2.3	3.3	2.7	20.5	15.7	18.2	19.7	16.9	18.3
	61.81	60.99	61.75	61.51	22.01	16.85	19.57	20.66	18.43	19.56

Barometer, range for month 753.8 — 766.8 mm.
„ 62-yr. average for month 762.79 mm.
Thermometer, range for month 12.4° — 261 C.
„ 62-yr. average for month 19.85° C.
Rain, total for month 124.23 mm.
„ , 62-yr. average for month 127.51 mm.
„ , total, from Sept. 1st 271.52 mm.
62-yr. average, total from Sept 1st 183.39 mm.

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Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain mm.
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		Kms.	
1	12.3	14.8	14.1	13.7	62	67	96	75	7.0	419.2	5.08
2	13.2	14.7	13.4	13.8	69	73	83	75	5.8	288.0	0.76
3	12.6	13.0	12.3	12.6	68	63	73	68	8.7	334.4	
4	12.0	13.9	14.9	13.6	64	68	83	72	8.3	272.0	
5	12.9	14.3	14.4	13.9	69	71	83	74	8.5	256.0	
6	12.1	17.3	14.6	14.7	62	78	77	72	8.3	283.3	
7	15.6	17.5	15.7	16.3	77	79	84	80	4.8	358.4	
8	12.7	17.2	13.2	14.4	70	84	77	77	0.0	688.0	
9	13.7	14.3	13.7	13.9	77	73	93	81	4.3	723.2	25.40
10	14.8	14.4	15.8	14.3	86	76	87	83	5.0	323.2	8.89
11	13.1	14.4	14.1	13.9	73	74	85	77	8.7	235.6	
12	13.3	14.7	13.6	13.7	76	80	75	77	8.5	324.8	
13	13.0	13.7	14.1	13.6	72	73	79	75	8.2	492.8	
14	13.4	15.1	14.4	14.3	75	77	82	78	5.4	403.2	
15	13.4	13.9	12.5	12.6	66	78	82	75	2.0	336.0	
16	12.7	13.1	13.3	13.0	79	91	87	86	0.0	608.0	14.23
17	12.5	12.6	12.5	12 5	92	93	98	94	0.0	313.6	16.00
18	12.4	13.2	12.7	12.8	80	76	85	80	8.9	272.0	1.03
19	14 8	14.1	13.2	14.0	78	62	71	70	0.0	848.0	
20	13.0	12.1	9.9	11.7	70	67	65	74	0.0	1120.0	16.25
21	10.9	11.3	10.0	10.7	71	78	71	73	0.7	724.8	7.37
22	12.5	9.1	9.8	10.5	97	60	67	75	0.8	576.0	6.60
23	11.5	10.6	10.3	10.8	87	68	78	78	5.9	321.2	12.26
24	10.7	10.9	10.7	10.8	75	69	71	72	4.6	254.0	
25	10.0	14.5	12.1	12.2	62	75	75	71	5.0	224.0	
26	13.5	12.7	12.1	12.8	81	75	85	80	7.8	249.6	0.01
27	11.6	12.4	11.8	11.8	77	74	81	77	8.4	152.0	
28	11.3	11.3	10.2	10.9	78	69	69	72	5.8	185.6	
29	10.2	14.1	11.3	11.9	63	79	73	72	7.6	132.8	
30	13.3	13.7	11.8	12.9	86	86	82	85	7.6	144.0	6.35
	12.56	13.63	12.65	12.95	74.7	75.2	79.9	76.6	5.21	362.12	4.14

Height of Barometer above sea level: 33.7 meters.
" " " Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G.C.T.
62 year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	1cu	4cu	4ni	3.0	1sw	1sw	1sw	slight	fog all day
2	9cu	6cu	1cu	5.3	2sw	2sw	0	„	
3	1cu	1cu	0	0.7	1se	2s	0	„	
4	2cu	2cu	2cu	2.0	0	2w	0	„	
5	4ci	1ci	0	1.7	0	2n	0	light	
6	0	0	0	0.0	1sw	1sw	0	light	
7	9cu	10cu	0	6.3	0	2w	1sw	slight	fog. a.m.
8	8cu	9cu	8cu-ni	8.3	3sw	3sw	3sw	„	w. at night
9	5cu	10ni	9ni	8.0	1sw	4sw	2sw	mod.	
10	8cu	10ni-cu	0	6.0	1sw	1sw	0	slight	
11	2ci	0	0	0.7	0	1nw	0	slight	
12	0	0	0	0.0	0	1nw	2nw	„	
13	0	0	0	0.0	1n	3ne	2ne	„	
14	2cu	0	0	0.7	1ne	3ne	2ne	„	
15	10cu	9cu	2ci	7.0	2sw	2sw	1sw	„	
16	10ni-cu	10ni	10ni	10.0	2sw	2sw	4w	slight	
17	10ni	10ni	4cu-ni	8.0	0	1sw	0	mod.	
18	2cu	1ci	10cu	4.3	0	1sw	1sw	slight	
19	10cu	9cu	10cu	9.7	1w	3sw	1sw	„	
20	10cu ni	10ni	2ni	7.3	4sw	3sw	5sw	mod.	gale p.m.
21	10cu-ni	10cu-ni	10cu-ni	8.0	5sw	4sw	3sw	rough	
22	10ni	8cu-ni	9ni	9.0	1sw	3sw	2sw	mod.	
23	1cu	2cu	5cu	2.7	2sw	2sw	1se	slight	
24	10cu	1ci	10cu	7.0	0	2sw	0	„	first snow seen on
25	10cu	10cu	10cu	10.0	1sw	0	1sw	„	mts.
26	10cu	4cu	1cu	5.0	1s	1nw	1nw	slight	haze
27	1ci	0	0	0.3	0	1nw	0	„	
28	5ci	3ci	0	2.7	1se	1ne	0	„	
29	5cu	0	2cu	2.3	1n	0	0	„	
30	5cu	0	0	1.7	0	0	1nw	„	
				4.29					

* Abbreviations :— G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew.
W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	2	1	0	2	1	13	1	0	10	30
14:30	1	3	0	0	1	16	2	4	3	30
20:30	0	2	0	1	0	11	1	3	12	30
Totals	3	6	0	3	2	40	4	7	25	90

Number of days with rain 13, fog 2, thunderstorms 0, gale 1.

62 yr. av. days with rain during month 9.3 days